3M™ Attest™ 290 Auto-reader

Reference Tool

Model 290 Auto-reader for use with:

- 3M™ Attest™ 1291 Rapid Readout Biological Indicators, and
- 3M™ Attest™ 1292 Rapid Readout Biological Indicators

Refer to 3M™ Attest™ 290 Auto-reader Operator's Manual for complete instructions
Refer to 3M™ Attest™ Rapid Readout Biological Indicator (BI) package inserts for complete instructions

Caution Code	What does this mean?	Solution
C1	**Unit Warm-up Caution** • Incubation block not at temperature • BI readings are disabled until block reaches 60˚C±2˚C	Allow 30 minute warm-up after Attest Auto-reader is plugged in
C2	**BI has been removed from an incubation well before incubation is complete** • All 3 lights for affected BI will light and alarm will sound, if active	Replace BI back into the same incubation well within 10 seconds

Error Code	What does this mean?	Solution
E1	**Temperature Control Error** • System no longer able to control temperature of incubator block	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*
E3	**Memory Error**	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*
E4	**Analog-digital Conversion Error**	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*
E7	**Communication Error** • Internal communications failed	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*
E8	**Bulb Error** • System detects the bulb is too dim to properly read BI results	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*
E9	**Transport Error** • System detects motor failure or positioning problem	Unplug Attest Auto-reader and plug back in to initiate the self-diagnostic test*

* If after initiating self-diagnostic test the error code recurs, call for assistance (see phone number on back); unit may need repair/replacement.

Function setting**	What does this mean?
F1 ●	**Attest Auto-reader is configured to read:** Attest 1291 BI in wells 1–12, 1-hour incubation. Corresponding well label should be all blue.
F3 ●	**Attest Auto-reader is configured to read:** Attest 1292 BI in wells 1–12, 3-hour incubation. Corresponding well label should be all brown.
F7 ●●	**Attest Auto-reader is configured to read:** Attest 1291 BI in wells 1–6 and Attest 1292 BI in wells 7–12. Corresponding well label should be half blue and half brown. Wells 1–6, 1-hour incubation; 7–12, 3-hour incubation.

** **Configuration Set-Up:** Attest Auto-reader is configured for one of the following configuration function settings. When unit is powered on, either F1, F3, or F7 will momentarily appear in the "digital display window" on front of unit.

Other	What does this mean?	Possible solution(s)
Alarm sounds	**Auto-reader is designed to "alarm" as soon as a "positive" result is detected** • No need to manually check auto-reader for positive results	Alarm feature may be silenced: • Refer to Operator's manual
All 3 lights blink and buzzer sounds	**BI has been removed from incubation well before the final negative (-) or positive (+) result**	Replace BI in same incubator well within 10 seconds: • If BI is not replaced within 10 seconds, data will be lost, and the result is "invalid"
Red, yellow or green lights do not illuminate following insertion of a BI, or when time remaining button is pressed	**One of the following may have occurred:** • Specific light burned out • Not using 3M™ Attest™ Rapid Readout BI	• Check label of BI to confirm using 3M Attest Rapid Readout BI • Call for repair or replacement
Negative "Control" vial	**One of the following may have occurred:** • Vial not crushed • Media did not wet spore strip • Control vial was sterilized	• Crush vial before inserting into well • Tap vial on table until media wets spore strip • Check chemical indicator on label
Unexplained positive	**One of the following may have occurred:** • Adhesive residue on vial • Test vial absorbing fluorescent residue from a chemical indicator or tape	• Do not place another label or indicator tape on the vial or on the cap • Place the vial so it does not come in direct contact with chemical indicators or tape

For more information

For more information about 3M Health Care products:

- Contact your local 3M sales representative
- Call the 3M Health Care Service Center 1-800-292-6298
- Visit our 3M Health Care products Web site at 3M.com/infectionprevention

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70-2009-8781-9
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